

AMENDMENTS

Please cancel claims 2 and 5 without prejudice.

Please amend Claim 1 as follows:

57
D1

C1

1. (Amended) A soft flexible helical vasoocclusion coil for use with a wire having a distal end, said coil having:

- (a) a proximal end adapted to detachably couple to the distal end of the wire;
- (b) a distal end;
- (c) said helical vasoocclusion coil [being further] comprising a multiplicity of windings having [wound into] a first diameter intermediate said distal end and said proximal end;
and
- (d) said helical vasoocclusion coil being further wound into a second diameter smaller than said first diameter at said proximal end and at said distal end, whereby said proximal end and said distal end are [is] positioned radially inwardly of said first [diameter] diameter, such that the coil acts to occlude a vessel or a cavity when placed within said vessel or cavity.

Please amend claim 4 as follows:

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D2
C2

4. (Amended) An assembly for use in occluding a vessel or a cavity within a vessel comprising:

- (a) an elongated wire having a distal end that carries a first coupling member;
- (b) a soft flexible helical vasoocclusion coil having:
 - (i) a proximal end that carries a second coupling member that is detachably coupled to the first coupling member;

- (ii) a distal end;
- (iii) said helical vasoocclusion coil [being further] comprising a multiplicity of windings having [wound into] a first diameter intermediate said proximal end and said distal end; and
- C2 (iv) said helical vasoocclusion coil being further wound into a second diameter smaller than said first diameter at said proximal end and at said distal end, whereby said distal end and the first coupling member at said proximal end are [is] positioned radially inwardly of said first [diameter] diameter, such that the coil acts to occlude a vessel or a cavity within a vessel when placed within said vessel or cavity.
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Applicants have amended claims 1 and 4 to clarify the invention and to incorporate the subject matter of canceled claims 2 and 5, respectively. No new matter has been added: